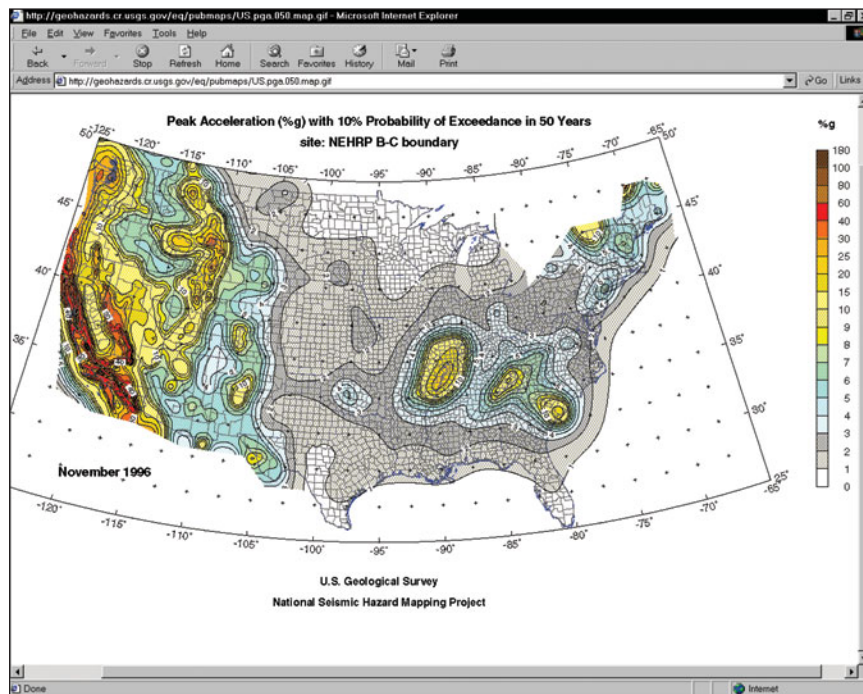


# Earthquakes



Source: <http://geohazards.cr.usgs.gov/eq/pubmaps/US.pga.050.map.gif>

- 1 Go to the <http://geohazards.cr.usgs.gov/eq/pubmaps/US.pga.050.map.gif> Website to determine whether you are located in an earthquake hazard zone.
- 2 Find the approximate location of your community or state on the seismic hazard map.
- 3 If you are located in an area with 2%g (peak acceleration) or less, then you have a relatively low seismic risk and can probably avoid conducting an earthquake risk assessment at this time. However, you should confirm your findings with your state geologist or emergency manager.
- 4 If you are located in an area with 3% g peak acceleration or more, then you should proceed to Step 2 to profile your earthquake hazard.

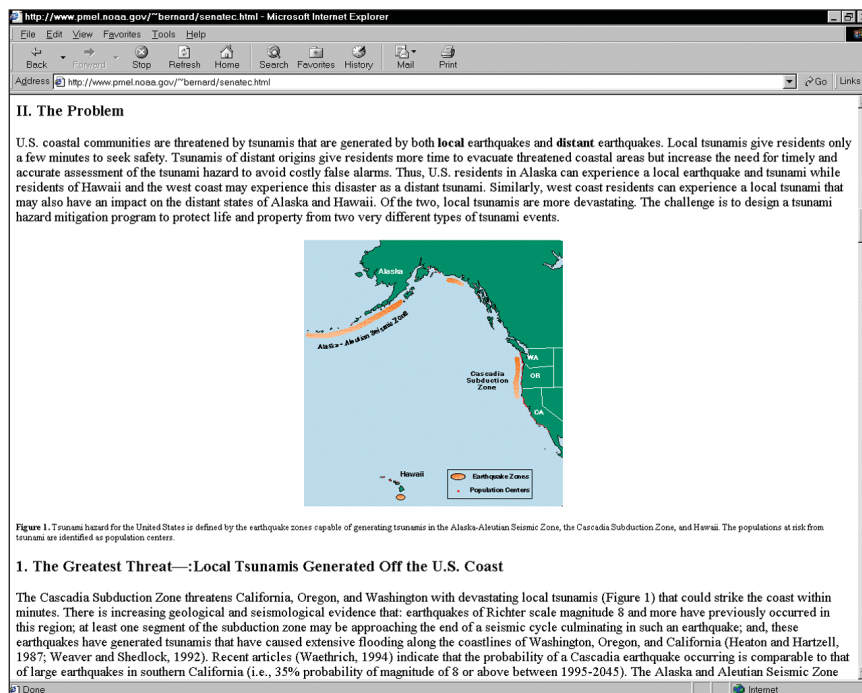


# Tsunamis

- 1 Go to the <http://www.pmel.noaa.gov/~bernard/senatec.html> Website. This page will show population centers on the West Coast of the United States that are at risk of tsunamis.
- 2 Find the approximate location of your community or state on the tsunami map.
- 3 If you are not located on the West Coast, a Pacific Island, or a Caribbean Island\*, then you have a relatively low tsunami risk and can probably avoid conducting a tsunami risk assessment at this time. However, you should confirm your findings with your state geologist or emergency manager.
- 4 If you are located in communities along the shoreline, along coastal estuaries, or along rivers affected by tides in Alaska, Washington, Oregon, California, Hawaii, or Puerto Rico, then you should proceed to Step 2 to profile your tsunami hazard.

**\*NOTE:**

*Recent findings indicate that tsunamis are also possible along the Atlantic Ocean coastal areas of Virginia and North Carolina. As more information become available, these areas may also wish to include tsunamis in their risk assessment.*



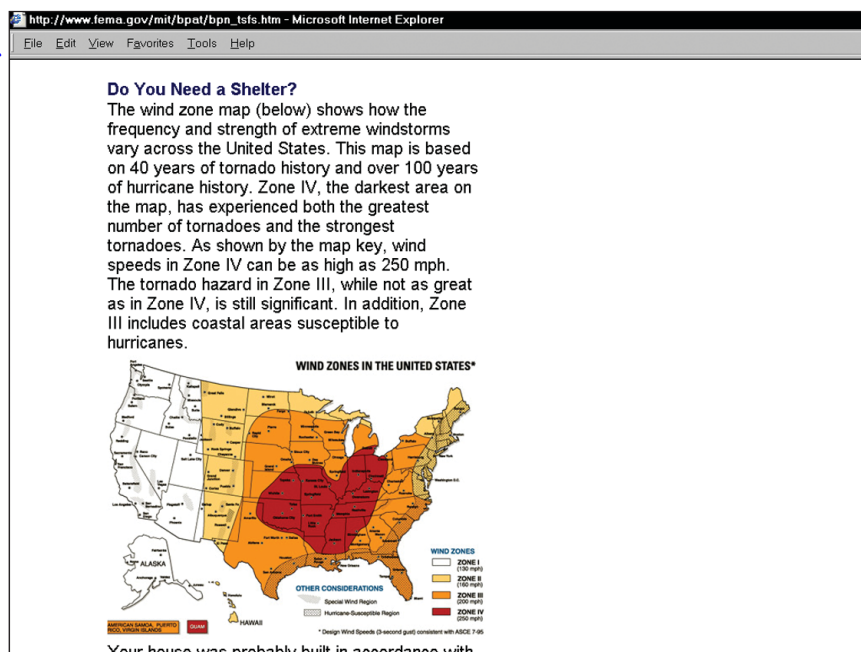
Source: <http://www.pmel.noaa.gov/~bernard/senatec.html>

# Tornadoes

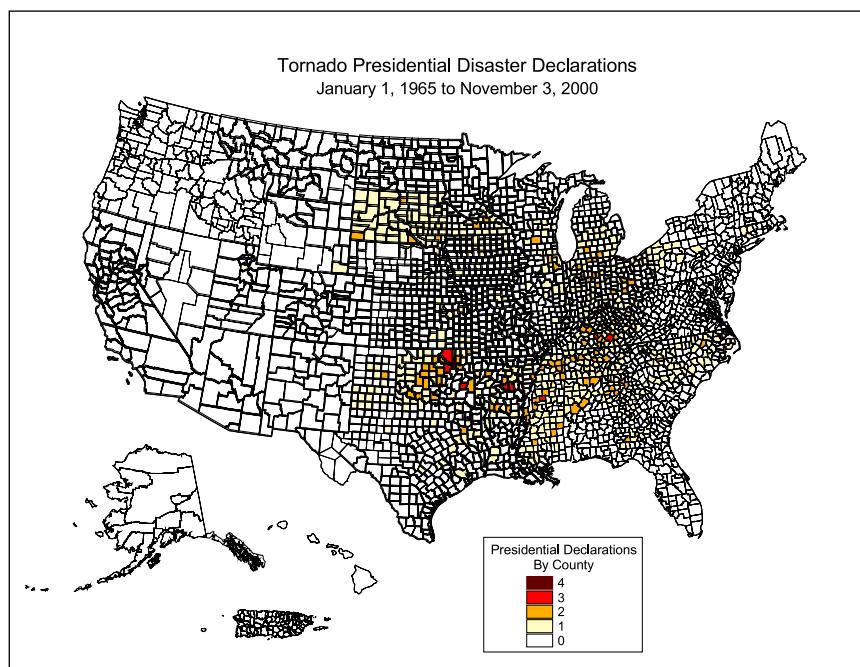


**1** Go to the <http://www.fema.gov/graphics/library/wmap.gif> Website. This page shows the wind zones throughout the United States. These wind zones are based on historical information on tornadoes and hurricanes. The map below illustrates areas where Presidential declarations have been issued for tornadoes in the past.

**2** Locate your community or state on the US Wind Zone map.



Source: <http://www.fema.gov/graphics/library/wmap.gif>



Source: FEMA

**3** If you are not located in one of the four colored zones or special wind regions on the map above, you can probably avoid conducting a tornado risk assessment at this time. However, you should confirm your findings with your state meteorologist or emergency manager.

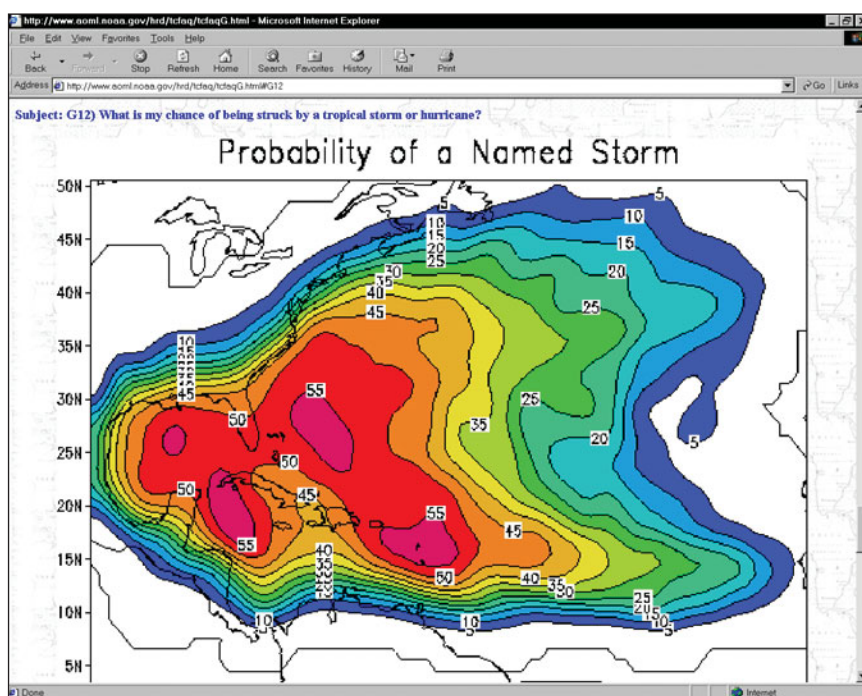
**4** If you are located in one of the four colored zones or special wind regions on the map above, then you should proceed to Step 2 to profile your tornado hazard.



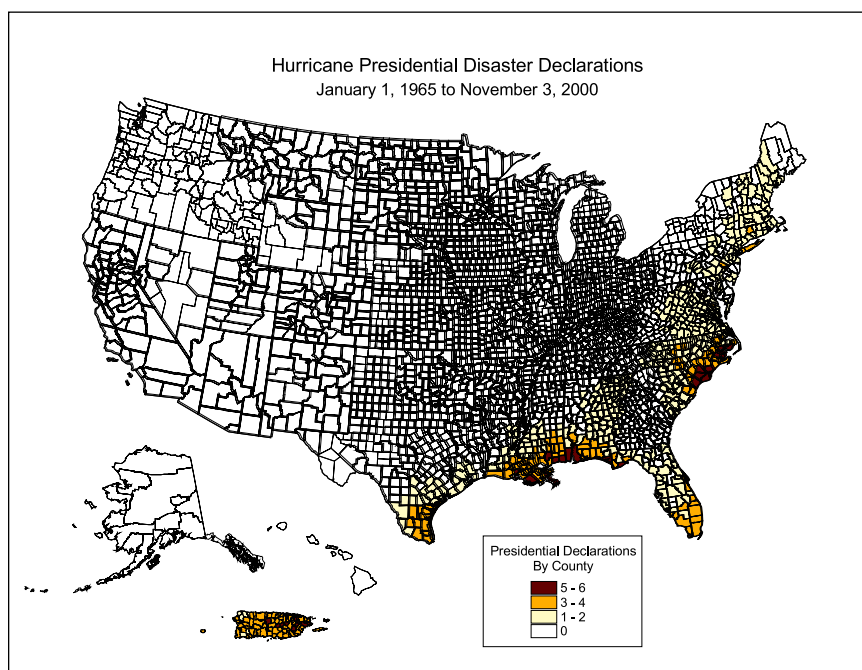


## Coastal Storms

- 1 Go to the <http://www.aoml.noaa.gov/hrd/tcfaq/tcfaqG.html#G12> Website. This page illustrates the probabilities of a named storm for the Atlantic Seaboard and the Gulf of Mexico. The map below illustrates where Presidential declarations have been issued for past hurricanes.
- 2 Locate your community or state on the coastal storm probability map.
- 3 If you are not located in a coastal storm probability zone you can probably avoid conducting a coastal storm risk assessment at this time. However, you should confirm your findings with your state coastal zone manager or floodplain manager.
- 4 If you are located in a coastal storm probability zone, then you should proceed to Step 2 to profile your coastal storm hazard.



Source: <http://www.aoml.noaa.gov/hrd/tcfaq/tcfaqG.html#G12>



Source: FEMA







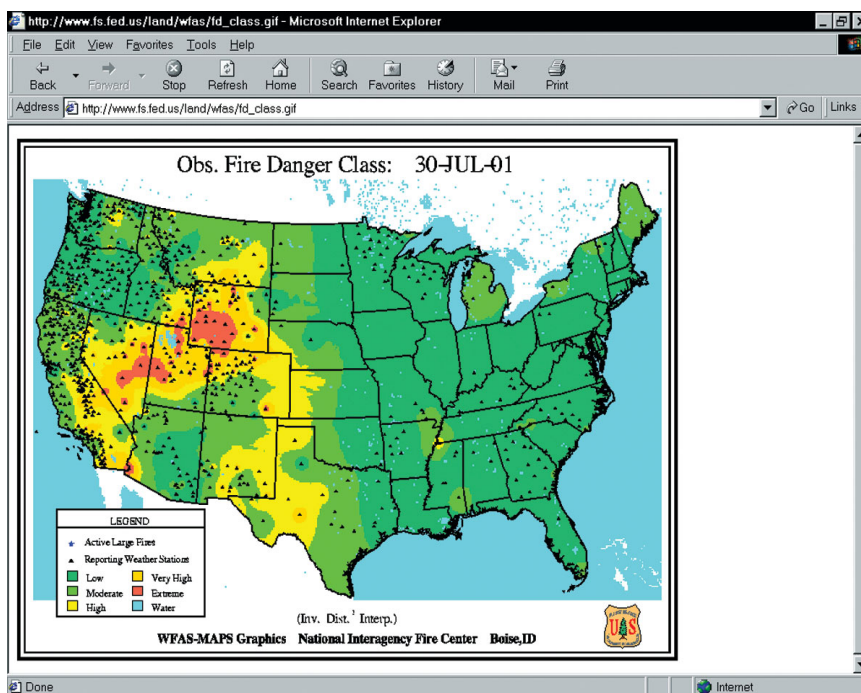
## Wildfires

1 Go to the [http://www.fs.fed.us/land/wfas/fd\\_class.gif](http://www.fs.fed.us/land/wfas/fd_class.gif) Website. This page illustrates the current fire danger conditions and changes daily based on current and past weather, fuel types, and fuel moisture. The map below illustrates where Presidential declarations have been issued for forest fires in the past.

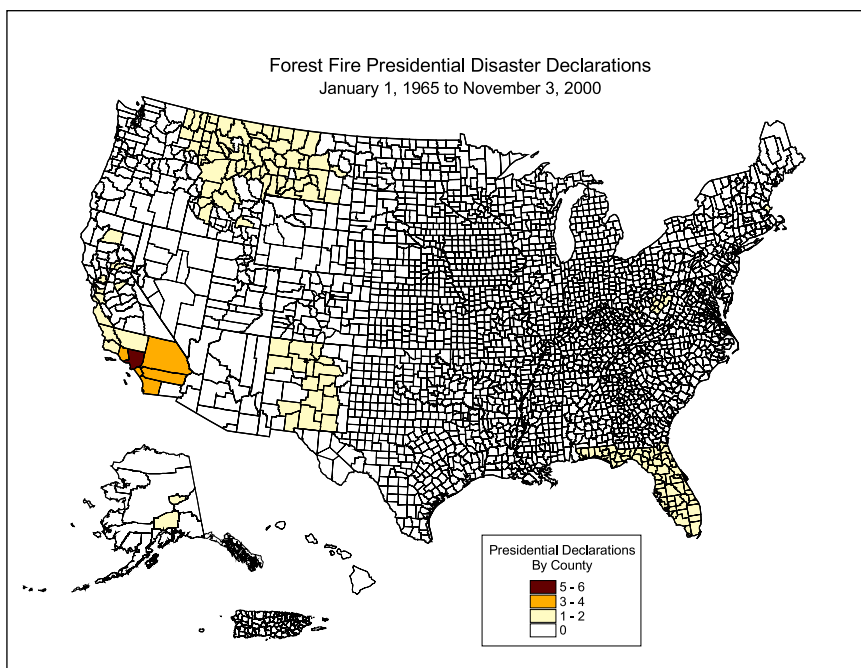
2 Locate your community or state on the fire danger map.

3 If you are located in or near a low to moderate fire danger class and not located near forest, grasslands, or

dense wooded areas then you have a relatively low wildfire risk and probably can avoid conducting a wildfire risk assessment at this time. However, you should confirm your findings with your state fire marshal, forestry department, natural resources department or park service.



Source: [http://www.fs.fed.us/land/wfas/fd\\_class.gif](http://www.fs.fed.us/land/wfas/fd_class.gif)



Source: FEMA

4 If you are located in or near a dense woodland, forest or grassland area, or have a high to extreme fire danger class, have experienced a prolonged dry period, or have experienced past wildfires, you should proceed to Step 2 to profile your wildfire hazard.

## Summary

When you're finished with Step 1, you'll have a list of hazards that could affect your community or state. At this point, it isn't necessary to know anything specific about the hazards except that they are likely to occur.

You will also have a list of plans, reports, Websites, articles, and other resources that can help you later in the process as you determine how these hazards can affect your community.

Through your research, you will begin to foster relationships with experts in the state and local community. This network will continue to be of use to the Planning Team as you continue to analyze the effects of the hazards, and throughout the planning process.



### Keep your research handy

because after your risk assessment is complete, you will use this information

to help complete your hazard mitigation plan as part of the third phase in the Natural Hazard Mitigation Planning Process.

After you have identified all of your hazards and determined which hazards are most prevalent in your community or state

## Go to Step 2

to use the information you have gathered to develop hazard profiles.

